

**International Harmonized Research Activities - Intelligent Transport Systems  
Working Group Meeting  
June 3, 1998, Windsor**

**Minutes**

**Attendees:**

Dr. Ian Noy (Chairman, Transport Canada, Canada)  
Dr. Kåre Rumar (Swedish Road and Transport Research Institute, Sweden)  
Dr. August Burgett (NHTSA, U.S.)  
Dr. med. B. Friedel (BASt, Germany)  
Mr. Geoff Harvey (Department of Environment, Transport and the Regions, U.K.)  
M. Lies Duynstee (Ministry of Transport, The Netherlands)  
Mrs. Monique Vernet (INRETS, France)  
Prof. Cezary Szczepaniak, (Politechnika Lodzka, Poland)  
Mr. Kaneo Hiramatsu, (JARI, Japan)  
Mr. Ray Kieffer (GM, U.S.)

**1. Minutes approved**

- Action items will be addressed during meeting

**2. Status report**

- The status report was discussed and approved subject to minor revisions. Ian Noy will include definitions of usability, workload, direct safety and behavioural adaptation. It will be emphasized that the WG is concerned with human-machine interaction, not limited to classic human-machine interface issues. Also the WG members will be listed. The new name of EEVC, European Enhanced (Safety) Vehicle Committee, will be referenced.
- The feasibility of developing procedures that address cross-cutting issues was questioned. Ian Noy indicated that this is the current vision but that as the work progresses, the need to categorize applications may become more apparent. Initially, however, an attempt will be made to generalize and integrate procedures developed for specific research applications in the development of the overall framework.
- Once revised the report will be distributed to related groups for information with an explanatory cover letter requesting comments.

**3. EC research framework:**

Ian Noy reported that the issue concerning EC research framework was raised at the IHRA Steering Committee since many EC funded projects are closed to non-European parties. Such a policy in Europe appears to be an impediment to international collaboration in research. This is particularly problematic for the ITS WG since most European ITS-related research is funded by the EC.

- The Steering Committee decided that Ray Owings, Chairman, will write a letter to EC DG 7, DG 12, DG 13 (DG 3) to outline the problem and invite the EC to resolve how collaboration on priority research topics can be facilitated. The letter should seek to clarify which are the main groups defining the research program in related areas, what mechanisms exist for cooperation, how results can be shared, which institutes or investigation centres are involved, etc.
- The IHRA Steering Committee also noted that similar letters should be sent to ministers of transport in each country.
- Dr. Friedel noted that previous attempts at international harmonized research have not been successful and suggested we collaborate at the institute level, e.g. VTI, INRETS, etc.
- Geoff Harvey will work with Ian Noy to draft a letter to EU for Ray Owings signature.

#### 4. **Request for proposals**

- Ray Kiefer developed a draft charge to key researchers requesting proposals for research. This draft charge was distributed and discussed.
- Ian Noy suggested including the Status Report to provide background and context.
- Prof. Szczepaniak suggested adding vehicle-related issues
- Dr. Friedel suggested adding high-level description of systems.
- A suggestion was made that the charge be directed to research institutes rather than individuals
- It should be made clear that this is not a bidding process; that is, the proposed projects will help identify needs and opportunities for research. Respondents will be invited to a workshop in February 1999 to discuss collaborative opportunities.
- WG members agreed to send a list of target research institutes to Ian Noy by 6/15/98, including addresses and contact names, where possible)
- Ray Kieffer agreed to revise the charge based on comments received and have available for distribution to research institutes before July. It was agreed that the revised charge be circulated to WG for additional comments prior to distribution.

5. **Workshop:**

- A workshop will be planned for early in 1999 (Jan/Feb) perhaps in conjunction with SAE (mid-Feb.) to explore research needs and opportunities based on the proposals.
- Need to receive responses by mid-September.
- Need to establish a workshop task force (commitment of 1-2 days) to review proposals and structure the workshop. WG members agreed to send nominees (which can be WG member) by 6/30/98.
- Ray & Ian will do preliminary review
- WG members agreed to submit suggestions for location of workshop to Ian by 6/30/98
- It was decided that the workshop will be limited to invited participants/institutes

6. **Comparison of HMI guidelines**

- A comparison of different codes of practice and guidelines was prepared by Dr. Hiramatsu and distributed to WG members. It was suggested that WG members review the document and provide comments to Dr. Hiramatsu. It was also suggested that it should be re-formatted so that similar items are arranged side-by-side for ease of use.
- Dr. Friedel indicated that there is also an EU comparison done. Dr. Friedel agreed to compare the EU document with the one produced by Dr. Hiramatsu.
- It was noted that we may want to publish the comparison in future.

7. **Other business**

- IHRA Steering Committee is considering website with pages for each WG.
- Ray Kiefer has been in contact with Lena Nilsson concerning a proposed joint CAMP/VTI research project involving the VTI simulator.
- Copy of CAMP Year/report was provided to each participant
- August Burgett mentioned the ITSA review and upcoming symposium on rear-end collision avoidance.

## **Next meeting will be held in conjunction with the workshop**

### **Action items**

- Ian Noy to revise Status Report and distribute to related groups for information with an explanatory cover letter requesting comments.
- Geoff Harvey to work with Ian Noy to draft a letter to EU for Ray Owings signature.
- WG members to send a list of target research institutes to Ian Noy by 6/15/98, including addresses and contact names, where possible)
- Ray Kieffer to revise the charge and to circulate to WG for additional comments prior to distribution by end of June.
- WG members to send nominees for workshop task group (which can be WG member) by 6/30/98.
- Ray & Ian to do preliminary review of proposals
- WG members to submit suggestions for location of workshop to Ian by 6/30/98
- WG members to review Dr. Hiramatsu's comparison of guidelines and provide comments to Dr. Hiramatsu for possible revision. It was also suggested that the table should be re-formatted so that similar items are arranged side-by-side for ease of use.
- Dr. Friedel to compare the EU document with the one produced by Dr. Hiramatsu.